

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

### English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled DENSITY DETECTION USING REAL TIME DISCRETE PHOTON COUNTING FOR FAST MOVING TARGETS, the specification of which

- ☒ is attached hereto.
- ☐ was filed on \_\_\_\_\_ as \_\_\_\_\_.
- ☐ Application Serial No. \_\_\_\_\_
- ☐ and was amended on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	_____ Yes	_____ No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	_____ Yes	_____ No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States utility application(s) listed below and/or under Title 35, United States Code, §119 of any United States provisional application(s) listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States utility application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)
09/398,547	9/17/99	Pending
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**English Language Declaration**

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

George T. Marcou, Registration No. 33,014; Richard Peterson, Registration No. 35,320; Charles W. Calkins, Registration No. 31,814; John M. Harrington, Registration No. 25,592; A. Jose Cortina, Registration No. 29,733; Charles T. Simmons, Registration No. 35,359; Yoncha L. Kundupoglu, Registration No. 41,130; John Ball, Registration No. 44,433; Dawn-Marie Bey, Registration No. 44,442; Tiep Nguyen, Registration No. 44,465; Greg S. Moldafsky, Registration No. 46,514; and Michael J. Dimino, Registration No. 44,657.

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Full name of first inventor: Victor V. Verbinski

First Inventor's Signature

*Victor V. Verbinski*

Date

*7/26/01*

Residence Address:

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Citizenship:

USA

Post Office Address:

8871 Cliffridge Avenue, La Jolla, CA 92121

Full name of second inventor: Scott T. Smith

Second Inventor's Signature

*Scott T. Smith*

Date

*7/26/01*

Residence Address:


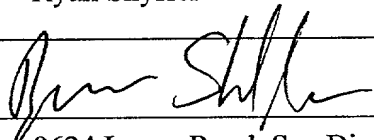
13909 Barrymore St., San Diego, CA 92129

Citizenship:

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Post Office Address:

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Full name of third inventor: Kenneth H. Valentine (deceased)	
Third Inventor's Signature: Judith Maxwell, Administrator for the Estate of the late Kenneth H. Valentine:	
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Citizenship:	USA
Post Office Address:	4080 Arroyo Sorrento, San Diego, CA 92130
Full name of fourth inventor: Jeffrey M. Adams	
Fourth Inventor's Signature	 Date 7/27/01
Residence Address:	1280 Rock Springs Road, San Marcos, CA 92069
Citizenship:	USA
Post Office Address:	1280 Rock Springs Road, San Marcos, CA 92069
Full name of fifth inventor: Ryan Shyffer	
Fifth Inventor's Signature	 Date 7/27/01
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Citizenship:	USA
Post Office Address:	8624 Lepus Road, San Diego, CA 92126

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(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

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09/398,547	9/17/99	Pending
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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George T. Marcou  
(202) 508-5800

Full name of first inventor: Victor V. Verbinski

First Inventor's Signature

Date

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Citizenship: USA

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Full name of second inventor: Scott J. Smith

Second Inventor's Signature

Date

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Citizenship: USA

Post Office Address: 5345 Northridge Avenue, San Diego, CA 92117

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	